US009594967B2

(12) **United States Patent**
Chuang et al.

(10) **Patent No.:** **US 9,594,967 B2**
(45) **Date of Patent:** **Mar. 14, 2017**

(54) **METHOD AND APPARATUS FOR IDENTIFYING A PERSON BY MEASURING BODY PART DISTANCES OF THE PERSON**

(71) Applicant: **Google Inc.**, Mountain View, CA (US)

(72) Inventors: **Chen-Ting Chuang**, Pingtung County (TW); **Choon Ping Chng**, Sunnyvale, CA (US)

(73) Assignee: **GOOGLE INC.**, Mountain View, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/675,142**

(22) Filed: **Mar. 31, 2015**

(65) **Prior Publication Data**

US 2016/0292523 A1   Oct. 6, 2016

(51) **Int. Cl.**
G06K 9/00	(2006.01)
G06K 9/62	(2006.01)
G06T 1/00	(2006.01)
G06T 7/00	(2006.01)
H04N 13/02	(2006.01)
H04N 101/00	(2006.01)

(52) **U.S. Cl.**
CPC *G06K 9/00885* (2013.01); *G06K 9/00362* (2013.01); *G06K 9/6202* (2013.01); *G06K 9/6215* (2013.01); *G06T 1/0007* (2013.01); *G06T 7/0044* (2013.01); *G06T 7/0061* (2013.01); *H04N 13/0271* (2013.01); *G06K 2207/1012* (2013.01); *G06K 2209/21* (2013.01); *G06K 2209/40* (2013.01); *G06T 2200/04* (2013.01); *G06T 2200/21* (2013.01);

G06T 2207/10028 (2013.01); *G06T 2215/16* (2013.01); *H04N 2101/00* (2013.01); *H04N 2213/005* (2013.01)

(58) **Field of Classification Search**
USPC 382/103, 106, 154
See application file for complete search history.

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(57) **ABSTRACT**

A method is described that includes capturing a pixelated depth image of a person with a depth camera. The method also includes identifying body parts from the image. The method also includes forming a vector of distances between the body parts. The method also includes comparing the vector against a database of respective body distance vectors for a plurality of people to identify the person.

23 Claims, 11 Drawing Sheets

Depth Camera 101

Capture pixelated depth image of person with depth camera **201**

Identify body parts from image **202**

Form vector of distances between body parts **203**

compare vector against dB of respective critical body distance vectors for a plurality of people to identify the person in the image **204**